



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06155652 A**(43) Date of publication of application: **03.06.94**

(51) Int. Cl. **B32B 9/00**
C09D 4/00
C09D 5/00
C09D 5/00
C09D 5/00
C09D 5/24
C09D163/00
G02B 1/10

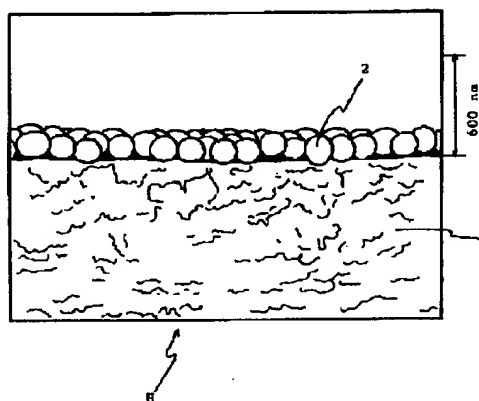
(21) Application number: **04341438**(22) Date of filing: **26.11.92**(71) Applicant: **NITTO DENKO CORP HITACHI LTD**

(72) Inventor: **YAMAMOTO TAKAYUKI**
NODA KEN
NANZAKI YOSHIHIRO
ASAO HIROYUKI
ENDO KIJU
ONO MASAHIKO

(54) LOW REFLECTING MEMBER**(57) Abstract:**

PURPOSE: To obtain a low reflecting member forming a functional film good in bonding strength without detaching silica particles of the surface of a substrate by fixing fine silica particles by a binder component based on a cation polymerizable monomer.

CONSTITUTION: A low reflecting member 11 is obtained by arranging fine silica particles 2 to at least the single surface of a substrate 1 as a single particle layer and fixing the same by a binder component based on a cation polymerizable monomer. The average particle size of the fine silica particles 2 is 10nm-1 μ m and the cation polymerizable monomer is a monomer having an epoxy group and/or a vinyl ether group and the monomer of the binder component is polymerized by the irradiation with ultraviolet rays. The usual average particle size of the fine silica particles 2 is 5nm-10 μ m m, pref., 10nm-1 μ m.



COPYRIGHT: (C)1994,JPO&Japio